

10/562021

IAP20 Rec'd PCT/PTO 22 DEC 2005

Attorney Docket No.: 10340.204-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Svendsen et al.

Confirmation No: TBA

Serial No.: To be assigned

Group Art Unit: TBA

Filed: December 22, 2005

Examiner: TBA

For: CGTase Variants

INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97(b)

Mail Stop Amendment
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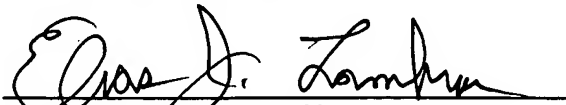
Sir:

In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which may be material to the patentability of this application and with respect to which there may be a duty to disclose. While the references may be material under 37 C.F.R. 1.56, it is not intended to constitute an admission that the references are prior art. The filing of this IDS shall not be construed as a representation that no other material references than those listed exist or that a search has been conducted.

The references are listed in Form PTO/SB/08A, which is in accordance with the requirements of M.P.E.P. 609. A copy of the references is enclosed. It is respectfully requested that these references be considered by the USPTO in its examination of the above-identified application and be made of record therein.

This IDS is being filed **within** three months of the filing date of a national application or date of entry into the national stage of an international application, or **before** the mailing date of a first Office action on the merits, or **before** the mailing date of a first Office action after the filing of a request for continued examination. Therefore, no fee is due.

Respectfully submitted,



Date: December 22, 2005

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Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	To be assigned
				Filing Date	December 22, 2005
				First Named Inventor	Svendson et al.
				Art Unit	TBA
				Examiner Name	TBA
Sheet	2	of	2	Attorney Docket Number	10340.204-US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		TONKOVA et al., "Bacterial Cyclodextrin Glucanotransferase", Enzyme and Microbial Technology, Vol. 22, pp. 678-686 (1998)	
		PRZYLAS et al., "Crystal Structure of Amylomaltase from Thermus aquaticus, a Glycosyltransferase Catalysing the Production of Large Cyclic Glucans", J. Mol. Biol., Vol. 296, pp. 873-886 (2000)	
		LEEMHUIS et al., "Engineering Cyclodextrin glycosyltransferase into a starch hydrolase with a high exo-specificity", Journal of Biotechnology, Vol. 103, pp. 203-212 (2003)	
		LEEMHUIS et al., "Conversion of cyclodextrin glycosyltransferase into starch hydrolase by directed evolution: The role of alanine 230 in acceptor subsite +1", Biochemistry, Vol. 42, pp. 7518-7526 (2003)	
		LEEMHUIS et al., "Hydrolysis and transglycosylation reaction specificity of cyclodextrin glycosyltransferases", J. Appl. Glycosci., Vol. 50, pp. 263-271 (2003)	
		LEE et al., "Modulation of cyclizing activity and thermostability of cyclodextrin glucanotransferase and its application as an antistaling enzyme", Journal of Agricultural and Food Chemistry, Vol. 50, pp. 1411-1415 (2002)	
		LEEMHUIS et al., "A five-residue amino acid insertion converts cyclodextrin glycosyltransferase into a starch hydrolase with a high exo-specificity", Chapter 8 (1973)	
		BEIER et al., "Conversion of the maltogenic alpha-amylase Novamyl into CGTase", Protein engineering, Vol. 13, No. 7, pp. 509-513 (2000)	
		TAO, Bernard Y., "Cyclodextrin Glucotransferases Technology and Biocatalyst Design, Chapter 28 of Cyclodextrin Glucotransferases, pp. 372-383 (1990)	
		SVENSSON, Birte, "Protein engineering in the alpha amylase family: catalytic mechanism, substrate specificity, and stability", Plant Molecular Biology, Vol. 25, pp. 141-157 (1994)	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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